

**PATENT APPLICATION  
SERIAL NO. 09/812,897**

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-6. (Canceled)

7. (Previously presented) A power management system for electrical or electronic apparatus having a number of components which may be switched to a low power state, comprising a power controller coupled to each component in the electrical or electronic apparatus and a plurality of power modules, each associated with a component, wherein each power module is coupled to the power controller for each component its associated component makes use of, and sends signals to that power controller indicating whether or not its associated component wishes to make use of the component coupled to that power controller, and the power controller switches its component to a low or high power state in dependence on received signals, wherein the power management system further comprises a system timer for scheduling predetermined switches between low and high power states, said system timer causing the component to switch to a low power state only if a time interval until the next scheduled high power state exceeds a predetermined limit.

8-20. (Canceled)

21. (New) A power management system according to claim 7 in which a power controller

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switches its component to a low power state if none of the signals from power modules indicate that other components require its component.

22. (New) A power management system according to claim 21 in which switching to a low power state by a power controller takes place after a predetermined delay and a re-examination of the status of the signals from the power modules.

23. (New) A power management system according to claim 21 in which monitoring of input signals by the power controller takes place after switching to a low power state, and the component is switched to a high power state if one of the input signals from the power modules indicates that another component wishes to make use of it.

24. (New) A power management system according to claim 21 including a system timer to schedule predetermined switches between low and high power states.

25. (New) A power management system according to claim 21 in which at least one power controller is provided integrally with a power module wherein that power controller can receive signals from other power modules and the power module can send out signals to other power controllers indicating whether its associated component wishes to make use of any components.

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26. (New) A power management system according to claim 7 in which switching to a low power state by a power controller takes place after a predetermined delay and a re-examination of the status of the signals from the power modules.

27. (New) A power management system according to claim 26 in which switching to a low power state by a power controller takes place after a predetermined delay and a re-examination of the status of the signals from the power modules.

28. (New) A power management system according to claim 26 in which monitoring of input signals by the power controller takes place after switching to a low power state, and the component is switched to a high power state if one of the input signals from the power modules indicates that another component wishes to make use of it.

29. (New) A power management system according to claim 26 including a system timer to schedule predetermined switches between low and high power states.

30. (New) A power management system according to claim 26 in which at least one power controller is provided integrally with a power module wherein that power controller can receive signals from other power modules and the power module can send out signals to other power controllers indicating whether its associated component wishes to make use of any other

components.

31. (New) A power management system according to claim 7 in which monitoring of input signals by the power controller takes place after switching to a low power state, and the component is switched to a high power state if one of the input signals from the power modules indicates that another component wishes to make use of it.

32. (New) A power management system according to claim 7 in which the system timer only causes a component to switch to a low power state in the absence of any contradictory signals from power modules.

33. (New) A power management system according to claim 7 in which at least one power controller is provided integrally with a power module wherein that power controller can receive signals from other power modules and the power module can send out signals to other power controllers indicating whether its associated component wishes to make use of any other components.